Author Index

Albertini, A., see Poiesi, C. 101
Allenmark, S., see Thompson, R.A. 263
Andersson, S., see Thompson, R.A. 263
Annan, R.S.
——, Kresbach, G.M., Giese, R.W. and Vouros, P.
Trace detection of modified DNA bases via moving-belt liquid chromatography–mass spectrometry using electrophoric derivatization and negative chemical ionization 285
Ansorgová, A., see Roth, M. 169
Arrigoni Martelli, E., see Marzo, A. 95
Bargossi, A., see Grossi, G. 113
Basselier, J.J., see Desbène, P.L. 69
Battistoni, R., see Grossi, G. 113
Berger, T.A.
—— and Toney, C.
Linear velocity control in capillary supercritical fluid chromatography by restrictor temperature programming 157
Bermejo, J., see Blanco, C. G. 378
Bianco, O., see Petrarulo, M. 87
Birks, J.W., see Foreman, W.T. 23
Blanco, C.G.
——Blanco, J., Bermejo, J. and Guillén, M.D.
Capillary gas chromatography of some polycyclic aromatic compounds of several stationary phases 378
Blanco, J., see Blanco, C.G. 378
Bohm, M.
——, Umland, F. and Wenclawiak, B.
Splitting control and solvent effects in supercritical-fluid chromatography with fused-silica capillary columns 17
Bottalico, A., see Palmisano, F. 305
Boyer, D.S., see Rosselli, A.C. 11
Bridge, T.P.
——, Williams, M.H. and Fell, A.F.
Artificial intelligence techniques for peak homogeneity validation in liquid chromatography 59
Cardace, G., see Marzo, A. 95
Carr, P.W., see Park, J.H. 123
Chang, P.S.
—— and Rhee, J.S.
Simultaneous high-performance liquid chromatographic analysis of oleic acid and simple glycerides of oleic acid 438
Cohen, S.M., see Smith, R.A. 442
D'Agostino, P.A.
——, Provost, L.R. and Looye, K.M.
Identification of tabun impurities by combined capillary column gas chromatography–mass spectrometry 271
Debets, A.J.J.
——, Frei, R.W., Hupe, K.-P. and Kok, W.Th.
Automated zone-electrophoretic sample treatment for the analysis of biological samples by high-performance liquid chromatography 315
Debot, S.A.
——, Jezorek, J.R. and Hager, M.E.
Liquid chromatographic separation of several classes of acidic and basic aromatic compounds on silica-bonded 8-quinolinol stationary phases 249
De Moerloose, P., see De Schutter, J.A. 402
Desbène, P.L.
——, Desmazieres, B., Basselier, J.J. and Desbène-Monvernay, A.
Polarographic detection of non-ionic surfactants analyzed by reversed-phase partition chromatography 69
Desbène-Monvernay, A., see Desbène, P.L. 69
De Schutter, J.A.
——, D'Hont, A.M. and De Moerloose, P.
Reversed-phase ion-pair liquid chromatographic separation of weak analgesics and related drugs 402
Desmazieres, B., see Desbène, P.L. 69
De Vries, J. X.
Analysis of heparins by size-exclusion and reversed-phase high-performance liquid chromatography with photodiode-array detection 297
D'Hont, A.-M., see De Schutter, J.A. 402
Eray, B., see Giesche, H. 39
Esser, U., see Giesche, H. 39
Fadeev, A.Yu.
—— and Staroverov, S.M.
Calculation of the characteristics of the bonded layers of reversed stationary phases 233
Fell, A.F., see Bridge, T.P. 59
Foreman, W.T.
——, Shellum, C.L., Birks, J.W. and Sievers, R.E.
Supercritical-fluid chromatography with sulfur chemiluminescence detection 23
Frei, R.W., see Debets, A.J.J. 315
Fujihara, M.
—— and Nagumo, T.
Determination of the molecular weights of alginates by agarose gel filtration 386
Ghielmi, S., see Poiesi, C. 101
Giesche, H.
——, Unger, K.K., Esser, U., Eray, B., Trüdinger, U. and Kinkel, J.N.
Packing technology, column bed structure

and chromatographic performance of 1–2-μm non-porous silicas in high-performance liquid chromatography 39
Giese, R.W., see Annan, R.S. 285
Goretti, G., see Russo, M.V. 429
Grossi, G.
——, Bargossi, A., Battistoni, R., Lippi, A. and Sprovieri, G.
Full automation of catecholamine metabolite determination by column switching and high-performance liquid chromatography 113
Guillén, M.D., see Blanco, C.G. 378
Hager, M.E., see DeBot, S.A. 249
Hamada, K., see Hirayama, C. 241
Hirayama, C.
——, Ihara, H., Nagaoka, S. and Hamada, K.
Totally organic stationary phase from perfluoroalkyl acrylate for liquid chromatography 241
Hobo, T., see Nonomura, M. 395
Hoffman, N.E.
——, Pan, S.-L. and Rustum, A.M.
Injection of eluites in solvents stronger than the mobile phase in reversed-phase liquid chromatography 189
Holmes, S.A.
Sequential hydrocarbon and nitrogen detection in thin-layer chromatographic analysis of oil shale bitumen 345
Houck, R.K., see Rosselli, A.C. 11
Hupe, K.-P., see Debets, A.J.J. 315
Ihara, H., see Hirayama, C. 241
Inman, E.L.
——, Maloney, A.M. and Rickard, E.C.
Inaccuracies due to sample–solvent interactions in high-performance liquid chromatography 201
Jezorek, J.R., see DeBot, S.A. 249
Kakimoto, T., see Nishi, H. 331
Kamahori, M.
——, Watanabe, Y., Miura, J., Taki, M. and Miyagi, H.
High-sensitivity micro ultraviolet absorption detector for high-performance liquid chromatography 227
Killa, H.M.A.
—— and Rabenstein, D.L.
Separation and detection of bis(alkylthio)selenides of penicillamine and glutathione by liquid chromatography with electrochemical detection 359
Kinkel, J.N., see Giesche, H. 39
Kirpotin, D.B., see Tsygankov, A.Yu. 325
Kok, W.Th., see Debets, A.J.J. 315
Kresbach, G.M., see Annan, R.S. 285
Lasa, J., see Rosiek, J. 215
Leclerc, J.-M., see Lin, K.T. 75
Lesicki, R., see Ryan, P.J. 448
Liberti, A., see Russo, M.V. 429
Lin, K.T.
——, Rivard, G.E. and Leclerc, J.-M.
High-performance liquid chromatographic determination of mitoxantrone in plasma utilizing non-bonded silica gel for solid-phase isolation to reduce adsorptive losses on glass during sample preparation 75
Linari, F., see Petrarulo, M. 87
Lippi, A., see Grossi, G. 113
Liu, F., see Whitley, R.D. 137
Looye, K.M., see d'Agostino, P.A. 271
Maloney, A.M., see Inman, E.L. 201
Marangella, M., see Petrarulo, M. 87
Marziani, F.C.
—— and Sisco, W.R.
Liquid chromatographic separation of positional isomers of suprofen on a cyclodextrin-bonded phase 422
Marzo, A.
——, Monti, N., Ripamonti, M., Cardace, G. and Arrigoni Martelli, E.
High-performance liquid chromatographic evaluation of PCF 39, a new immunomodulator agent 95
Matsueda, T., see Nagase, M. 434
Mentasti, E., see Petrarulo, M. 87
Miura, J., see Kamahori, M. 227
Miyagi, H., see Kamahori, M. 227
Moerloose, P., De, see De Schutter, J.A. 402
Monti, N., see Marzo, A. 95
Mori, I., see Motohashi, N. 417
Motohashi, N.
—— and Mori, I.
High-performance liquid chromatography–electrochemical detection of singlet oxygen by reaction with 2,2,6,6-tetramethyl-4-piperidone 417
Motorin, Yu.A., see Tsygankov, A.Yu. 325
Nagaoka, S., see Hirayama, C. 241
Nagase, M.
——, Osaki, Y. and Matsueda, T.
Determination of Methyl Yellow, Sudan I and Sudan II in water by high-performance liquid chromatography 434
Nagumo, T., see Fujihara, M. 386
Nishi, H.
——, Tsumagari, N., Kakimoto, T. and Terabe, S.
Separation of water-soluble vitamins by micellar elctrokinetic chromatography 331
Nonomura, M.
—— and Hobo, T.
Ion chromatographic determination of cyanide compounds by chloramine-T and conductivity measurement 395
Orlovsky, A.F., see Tsygankov, A.Yu. 325

Osaki, Y., see Nagase, M. 434
Palmer, A.J.
—— and Palmer, F.J.
Rapid analysis of triacylglycerols using high-performance liquid chromatography with light scattering detection 369
Palmer, F.J., see Palmer, A.J. 369
Palmisano, F.
——, Zambonin, P.G., Visconti, A. and Bottalico, A.
Profiling of *Alternaria* mycotoxins in foodstuffs by high-performance liquid chromatography with diode-array ultraviolet detection 305
Pan, S.-L., see Hoffman, N.E. 189
Park, J.H.
—— and Carr, P.W.
Interpretation of normal-phase solvent strength scales based on linear solvation energy relationships using the solvatochromic parameters π^*, α and β 123
Pellegrino, S., see Petrarulo, M. 87
Petrarulo, M.
——, Pellegrino, S., Bianco, O., Marangella, M., Linari, F. and Mentasti, E.
Derivatization and high-performance liquid chromatographic determination of urinary glycolic acid 87
Phillips, J.H.
—— and Robey, R.J.
Solvent strength and selectivity properties of supercritical carbon dioxide relative to liquid hexane 177
Poiesi, C.
——, Tamanini, A., Ghielmi, S. and Albertini, A.
Protein A, hydroxyapatite and diethylaminoethyl: evaluation of three procedures for the preparative purification of monoclonal antibodies by high-performance liquid chromatography 101
Provost, L.R., see D'Agostino, P.A. 271
Rabenstein, D.L., see Killa, H.M.A. 359
Ramsteiner, K.A.
Automated on-line trace enrichment and determination of organic compounds in ground and tap water by high-performance liquid chromatography 410
Řezanka, T., see Víden, I. 390
Rhee, J.S., see Chang, P.S. 438
Rickard, E.C., see Inman, E.L. 201
Ripamonti, M., see Marzo, A. 95
Rivard, G.E., see Lin, K.T. 75
Roberts, J., see Ryan, P.J. 448
Robey, R.J., see Phillips, J.H. 177
Rosiek, J.
—— and Lasa, J.
Electron-capture detector with an ion signal 215
Rosselli, A.C.
——, Boyer, D.S. and Houck, R.K.
Reproducibility of packed-column supercritical-fluid chromatography with helium head-pressure carbon dioxide 11
Roth, M.
—— and Ansorgová, A.
Column pressure drop in capillary supercritical fluid chromatography 169
Russo, M.V.
——, Goretti, G. and Liberti, A.
Direct headspace gas chromatographic determination of dichloromethane in decaffeinated green and roasted coffee 429
Rustum, A.M., see Hoffman, N.E. 189
Ryan, P.J.
——, Lesicki, R. and Roberts, J.
Separation of norepinephrine and metabolites as Dns derivatives by two-dimensional thin-layer chromatography 448
Schutter, J.A., De, see De Schutter, J.A. 402
Shellum, C.L., see Foreman, W.T. 23
Sievers, R.E., see Foreman, W.T. 23
Sisco, W.R., see Marziani, F.C. 422
Smith, R.A.
——, Tibbels, T.S. and Cohen, S.M.
Quantitation of N-[4-(5-nitro-2-furyl)-2-thiazolyl]formamide and 2-amino-4-(5-nitro-2-furyl)thiazole in rodent diet 442
Sprovieri, G., see Grossi, G. 113
Staroverov, S.M., see Fadeev, A.Yu. 233
Taki, M., see Kamahori, M. 227
Talasek, R.T.
Determination of fluoride in semiconductor process chemicals by ion chromatography with ion-selective electrodes 1
Tamanini, A., see Poiesi, C. 101
Terabe, S., see Nishi, H. 331
Thompson, R.A.
——, Andersson, S. and Allenmark, S.
Direct liquid chromatographic separation of enantiomers on immobilized protein stationary phases. VII. Sorbents obtained by entrapment of cross-linked bovine serum albumin in silica 263
Tibbels, T.S., see Smith, R.A. 442
Toney, C., see Berger, T.A. 157
Trüdinger, U., see Giesche, H. 39
Tsumagari, N., see Nishi, H. 331
Tsygankov, A.Yu.
——, Motorin, Yu.A., Wolfson, A.D., Kirpotin, D.B. and Orlovsky, A.F.
High-performance ion-exchange chromatography of oligoribonucleotides using linear and hyperbolic salt gradients 325
Umland, F., see Bohm, M. 17
Unger, K.K., see Giesche, H. 39
Víden, I.

—— and Řezanka, T.
Capillary gas chromatography–mass spectrometry of very-long-chain α,ω-dicarboxylic acid dimethyl esters from *Equisetum* (horsetail) 390
Visconti, A., see Palmisano, F. 305
Vouros, P., see Annan, R.S. 285
Vries, J.X., De, see De Vries, J.X. 297
Wachter, R., see Whitley, R.D. 137
Wang, N.-H.L., see Whitley, R.D. 137
Watanabe, Y., see Kamahori, M. 227
Wenclawiak, B., see Bohm, M. 17
Whitley, R.D.
——, Wachter, R., Liu, F. and Wang, N.-H.L.
Ion-exchange equilibria of lysozyme, myoglobin and bovine serum albumin. Effective valence and exchanger capacity 137
Williams, M.H., see Bridge, T.P. 59
Wolfson, A.D., see Tsygankov, A.Yu. 325
Zambonin, P.G., see Palmisano, F. 305